# BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/04/2014-15, Date:19.01.2015 **ITEM NO: 04**

**SCHEDULE-B**

**NAME OF WORK:** Improvements to roads & drain at 4th Cross Vijayalakshmi Badavane in Ward No.14, Bagalagunte.

| Sl. No | Description of work | Unit | Qty | Rates Quoted by Contractor **A PRADEEP** | | |
|---|---|---|---|---|---|---|
| | | | | In Figures (Rs.) | In Words (Rs.) | Cont. AMOUNT |
| 1 | 2 | 3 | 4.00 | 5 | 6 | 9 |
| 1 | Scarifying bituminous course 50mm to 75 mm thick along with premix carpet/surface dressing by road roller attached with scarifier without disturbing the base & stacking the debris including cost of all labour charges Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 451.00 | 26.73 | Rupees Twenty Six and Seventy Two Paise Only | 12054.01 |
| 2 | Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods Complete as per specification and direction of Engineer-in-charge of the work | Cum | 39.50 | 74.84 | Rupees Seventy Four and Eighty Three Paise Only | 2956.04 |
| 3 | Removing B.S.Slab of drain and stacking etc., Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 118.80 | 57.84 | Rupees Fifty Seven and Eighty Four Paise Only | 6871.39 |
| 4 | Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing Complete as per specification and direction of Engineer-in-charge of the work | Cum | 29.70 | 4798.18 | Rupees Four Thousand Seven Hundred Ninety Eight and Eighteen Paise Only | 142505.95 |
| 5 | Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing Complete as per specification and direction of Engineer-in-charge of the work | Cum | 12.65 | 5176.17 | Rupees Five Thousand One Hundred Seventy Six and Sixteen Paise Only | 65478.52 |

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-73

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | Refixing stone slabs of drains and pointing in CM 1:3 etc., Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 118.80 | 74.84 | Rupees Seventy Four and Eighty Three Paise Only | 8890.57 |
| 7 | Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 79.20 | 632.90 | Rupees Six Hundred Thirty Two and Ninety Paise Only | 50125.88 |
| 8 | Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 176.00 | 983.56 | Rupees Nine Hundred Eighty Three and Fifty Six Paise Only | 173107.38 |
| 9 | Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials. Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 198.00 | 1583.84 | Rupees One Thousand Five Hundred Eighty Three and Eighty Four Paise Only | 313600.32 |
| 10 | Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work | Cum | 99.00 | 1424.03 | Rupees One Thousand Four Hundred Twenty Four and Three Paise Only | 140979.02 |
| 11 | Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 495.00 | 34.21 | Rupees Thirty Four and Twenty One Paise Only | 16934.42 |

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-73

| | | | | | | |
|---|---|---|---|---|---|---|
| 12 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous tratement including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 1260.00 | 2.99 | Rupees Two and Ninety Eight Paise Only | 3766.77 |
| 13 | Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (exlcuding cleaning of road surface) including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work | Sqm | 1260.00 | 18.55 | Rupees Eighteen and Fifty Five Paise Only | 23373.91 |
| 14 | Providing and laying semi dense bituminous concrete 25 - 30mm compacted thickness with 5% bitumen with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects with 80 / 100 grade bitumen with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work. | Cum | 51.50 | 9752.26 | Rupees Nine Thousand Seven Hundred Fifty Two and Twenty Five Paise Only | 502241.25 |
| 15 | Carraige of Mixed Materials above 15 Km beyound 10Km to 15 Kmslead at Complete as per specification and direction of Engineer-in-charge of the work | Cum | 14.85 | 72.76 | Rupees Seventy Two and Seventy Five Paise Only | 1080.45 |
| 16 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Complete as per specification and direction of Engineer-in-charge of the work | Cum | 39.60 | 77.51 | Rupees Seventy Seven and Fifty One Paise Only | 3069.40 |
| | | | | | Total | 1467035.26 |
| | | | | | Percentage | -1.01% |

Signature of the Contractor

Executive Engineer,
Dasarahalli Division,